Air Education and Training Comma

U.S. AIR FORCE

DMT-T Status Briefing

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Integrity - Service - Excellence

Overview

- **Current DMT initiatives**
- **DMT Planning**
- **AETC DMT Integration interests**

Current DMT Initiatives

- **Networked Training Center - Luke AFB**
  - AETC simulation system consisting of two F-16 WSTs (Block 30 and Block 40)
  - Provides real time interface with the Theater Air Command and Control Simulation Facility (TACCSF) at Kirtland AFB
  - 360 degree visual system
  - DMT capabilities funded by AETC

- **AETC Pilot Training Project**
  - Determine the most effective use of advanced technologies in future pilot training (includes DMT capabilities)
  - AFRL/HEA study complete

Current DMT Initiatives

- **Crew Resource Management (CRM) Project**
  - Demonstrate a desktop part-task, PC-based, networked aircrew training device (ATD) to replicate the C-130E pilot, co-pilot, and navigator flight stations

- **Command & Control Project**
  - Linking Ground Theater Air Control System (GTACS) operators at the 107th Air Control Squadron (ACS) Operations Module to control pilots in simulators at NTC-L or AFRL/HEA Mesa, AZ

DMT Planning

- **Non-aircrew requirements**
  - Command and Control
  - Space Operations
  - Intelligence
  - Maintenance
- **Generalized Operations Simulation Environment (GOSE)**
  - Advanced Technology Demonstration with AFRL
  - Immersive software-based simulator
  - Scalable and modular software
  - Use forced and haptic feedback devices
  - Will include DMT capability

AETC DMT Interests

- F-16 Blk 40/50 MTC
- F-15C
- E-3
- Special Ops
  - MC-130H/P
  - HH-53J/HH-60G AGSS
  - MH-53J WST
  - MH-53M OFT
- C-130J/E WST
- KC-135
  - BOWST
  - WST
- T-38C PTT, WST
- T-6
- F-22
- CV-22

Other AETC DMT Interests

- Force Protection
- Security Forces
- Maintenance
- Space Operations
- Air Traffic Control
- Intelligence
- Medical
- AOC

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